

LET THERE BE LIGHT.

A VALUABLE INVENTION PLACED UPON THE MARKET. Use of Luxfer Prisms—Their Adoption Will be of Great Public Benefit.

Truly, there is something new under the sun. Great and useful inventions and improvements in methods are constantly being discovered, and the man who attempts to keep track of the rapid progress that is being made in all departments of the world of science is not allowed time in which to recover from his surprise at one splendid scientific achievement before he is plunged into renewed wonderment at the contemplation of another even more splendid.

The old hat, "Let there be light," has recently been returned to its original place of honor as an important matter of a large portion of the population of our large cities.

In all city buildings it is found necessary to resort to artificial light during the hours of daylight, in a greater or less degree. An invention has recently been placed upon the market in Chicago which will largely dispense with this necessary expense.

The importance of this result from the standpoint of economy alone can in some degree be shown by stating the fact that one Chicago dry goods store, by the use of this invention, has saved during the day-time, whereas it is claimed by the people who own this invention that by its use the firm in question could save at least \$15,000 per annum.

As it is claimed that an ordinary store where the cost of the artificial light used during the daytime amounts to from \$50 to \$100 per month, the Luxfer prism can be put in at such a slight expense that the cost will be returned in the saving made during the first year.

The prisms do not create light, but if placed where reached by a fair volume of light from the spot where it is needed, extend to a distance of 200 feet. The principle underlying the invention is most simple, being nothing more or less than the refraction of light. When a ray of light passes from one transparent medium, such as glass or water, into another, it undergoes a change of direction at the surface of separation. The knowledge of this property of light has been utilized in the Luxfer method of lighting buildings. The natural light of a room comes directly from the sky, and striking the floor within ten feet or twenty feet of the window is almost entirely lost. The quantity of light utilized is very small in comparison with that which enters the window.

When the new system the light is received upon a plate of prisms and under the laws of refraction is diverted and borne back into the room. Upon the angles of the prisms depend the degree of the refraction, of light and hence the lighting of that portion of the interior required.

No light is lost; no light is created; but through the Luxfer prisms daylight is diffused uniformly throughout the interior space. Luxfer prisms are a scientific product of plates of glass with semi-prisms comprising one face. The plates are placed in close contact together, and whatever form and size may be required, and are then surrounded by a suitable metal frame. The completed frame of the prism plates may be either hung in the window frame or extended back into the wall in place of the sheet of plate-glass. Through the magic power of electricity edges of the prism plates are so welded together by a narrow line of copper that the finished product is not only attractive in appearance, but is also of great stiffness for use in even very large frames.

This valuable invention has only recently been placed upon the market by the Luxfer Prism Company, composed of Chicago men, who control the patents covering it. The first patent was taken out several years ago by the inventor, a Canadian, but the present owners have made many improvements upon the original plan. The offices of the company are located in the Rooker building, but the place where the most graphic idea may be formed of the practical value of the prisms is at their exhibit-rooms, at No. 170 Lake street.

There is a partition beam built lengthwise through the center of a long store-room, and one of the long narrow rooms thus formed has the ordinary plate-glass in its front window, while the other half of the room is covered by the prisms.

The contrast of light is most striking, for while in the room lighted by the ordinary manner the light, at a distance of sixty feet from the window, is too scant for the transaction of ordinary business, in the other room the prisms in the window cast throw the light back with such power as to make it possible to read a newspaper readily at that distance from the front. No one who visits this showroom can help being impressed with the great practical value of the discovery.

The lighting of a basement by means of the sidewalk prisms is also well shown. The general use of this invention will be of great public benefit in very many ways. It is well known that daylight is more healthful than artificial light. It relieves of the unnatural strain imposed by the necessity of working under artificial light—a deliverance of no small importance, as thousands with falling eyesight will testify. Schools, churches, offices, and stores can all be better lighted, and shoppers will be enabled to form a correct idea as to the colors of fabrics.

Besides all this much space in buildings that is now useless can be made valuable for, by the use of this device, the basements can readily be made as light as the first floors are now.

By the use of this means of lighting, also, the serious problem of utilizing outside buildings may be solved, for, with their high ceilings, they can, if well lighted, be made as desirable as those of more modern construction.

For the reasons stated above architects and owners of buildings are now devoting special attention to this simple but inestimably valuable device.

The company also has exhibits on view in New York and Toronto, where they are also attracting great attention—Chicago Inter-Ocean.

REGULAR PRICE. Our Special Price. Faine's Celery Compound, \$1.00 .75. Stewart's Dyspepsia, .50 .35. Hood's Sarsaparilla, 1.00 .75. Gump's Compound, .50 .35. Smith's Kidney, .50 .35. Carter's Little Liver Pills, .50 .35. Ayer's Hair Vigor, .25 .15. J. H. Rose's, .50 .35. J. H. Rose's, .50 .35. J. H. Rose's, .50 .35.

Look for the name of the inventor on the wrapper. TRAGLES, 811 east Broad street. Be sure you get in the right place, or you will pay more money.

RICHMOND BAZAAR, Commission and Sale Stables, 1433 East Franklin Street, Auction Sale Tuesdays and Fridays Each Week.

I will sell next Tuesday, with inst. 100 Young Horses fresh from the Western farms, and a large number of other Virginia horses, all consigned by the best known sportsmen and managers in the State. For particulars apply to the Bazaar, consisting of Double and Single Harness, Drivers and Light Horses. Also one car load of young hickory mules; also a large lot of hay on consignment. All will be sold for the high dollar without reserve.

Sale commences at 10:30 o'clock A. M. sharp. "Rain or shine."

Joseph Lasitter, Prop'r. PUBLIC SALE OF TROTTING STOCK AT GREENSBORO, N. C., THURSDAY, APRIL 29, 1897, BY MESSRS. J. F. JORDAN & CO.

On account of being overstocked and to make room for others coming on, Messrs. J. F. Jordan & Co. will sell, at public auction, on THURSDAY, APRIL 29th, a grand lot of YOUNG TROTTERS, the get of great producing and performing sires, out of choicely-bred dams that have produced trotters themselves. Among the offerings are the get of such sires as Pamlico, 2:10; Norval, 2:14 3/4; Lancelot, 2:12; Baronet, 2:11 3/4; Ontario, 2:12 3/4; Temple Par, 2:17 3/4; Norfolk (sire of Miss Nelson), 2:11 3/4; Madrid (sire of Pellerine), 2:14, etc., out of mares by Madrid, Princeton (2:13 3/4), Albert W., Alcantara, etc. The offerings are all young and sound, and among them some great prospects for speed, both trotters and pacers.

Remember the date, Thursday, April 29, 1897. For further particulars and catalogues address

ap 18-1t J. F. JORDAN & CO., Greensboro, N. C.

AUCTION AUCTION AUCTION 200 200 200 Horses. Mules. Horses.

Two Hundred Horses and Mules TO BE SOLD AT THE Great Southern Horse and Mule Bazaar, 1805, 1808, 1810 and 1812 E. Franklin St., Wednesday Morning, April 21, '97, at 9:30 sharp.

Your well-known shippers will have consignments. You will find it to be the best lot of stock offered on this market this season. The horses are all of the best families brood and speedy horses. Don't fail to attend this sale, as we are advised by the shippers to sell to the highest bidder regardless of cost.

If stock is not represented your money will be refunded.

Smyth Bros. & Kline, Auctioneers.

AUCTION SALES—Future Days. By Chevington & Rose, Real Estate Auctioneers. TRUSTEES AUCTION SALE OF THE PLANT AND OUTFIT OF MESSRS. TEXELER & LINDSEY, 205 SOUTH PINE STREET.

In execution of a deed of trust dated November 21, 1886, of record in the Clerk's Office of the Richmond Chancery Court, D. B. 155, A. Page 44, I will sell by auction upon the premises on

TUESDAY, the 20th day of APRIL, 1897, in the order following: A certain brick building, that lot of land with a brick carpenter shop and other improvements thereon, on the north side of the alley 20 feet wide, extending from Laurel to Cherry streets and between Main and Floyd streets, fronting on said alley 20 feet, and extending back 110 feet, parallel lines 42 feet to an alley 10 feet wide. Immediately thereafter the contents of said shop consisting in part of iron safe, office furniture, cabinet wagon, 7 1/2 horse-power gas engine, mauling machine and belt, combination saw and saw, hand mill, planing mill, pulley, etc., also a large amount of lumber in styles too numerous to mention here, the interest of certain holders and carpenters is especially asked to this sale.

Also of 520 o'clock P. M., that certain lot or parcel of land with the framed dwelling, No. 205 South Pine street, fronting on the western line of Pine street, 15 feet wide, extending back 110 feet, parallel lines, 15 feet to an alley in common, 20 feet wide. This is truly a modern brick house, with a full and complete set of fixtures, including a gas range, and a large amount of furniture, and is especially attractive.

TERMS: As to the real estate, one third in cash, the residue at six and twelve months, six per cent. upon the property, or all cash at the option of the purchaser. As to the personal property, cash or deferred on the terms of the deed, and reduced ninety days, with six per cent. added.

By T. M. Wortham & Co., Real Estate Agents and Auctioneers, 1013 east Main street.

TRUSTEES AUCTION SALE OF THE RIO VISTA FARM, SITUATED AT THE HEAD OF THE CARY-STREET BETWEEN THE RIVER AND THREE-CHOP ROADS, ABOUT FIVE ACRES OF LAND, MORE OR LESS, AND GOOD WELLS CONTAINING ABOUT 140,000 GALLONS. ONE OF THE MOST BEAUTIFUL LOCATIONS AROUND RICHMOND.

By virtue of a deed of trust, dated the 24th June, 1884, of the undersigned, and duly recorded in Henrico County, Va., in deed-book No. 115, A. page 62, default having been made in the payment of a portion of the sum of money due thereon, I, the undersigned, as trustee, do hereby sell to do, we will sell, at public auction, on the premises, on

TUESDAY, APRIL 20, 1897, at 6 o'clock P. M., the balance of the property described in said deed, consisting of 115 ACRES OF LAND, more or less, and a GOOD WELLED WELL, containing about 140,000 GALLONS, and a certain lot of land in oak wood, about ten acres of land in oak wood, balance under cultivation. Schools, stores and churches in the vicinity of the property, and situated at one of the most elevated points around Richmond, commanding a fine view of James river and surrounding country. A full list of property can be seen at the office of the auctioneers.

TERMS: Cash as to expenses of sale, including all taxes due to day of sale, and to pay \$2,500.00, and interest from the 24th of June, 1884, balance upon easy terms and being required by the undersigned.

By George E. Crawford & Co., Real Estate Agents and Auctioneers, 106 Bank street.

THE TWO NEW BRICK DWELLINGS, NOS. 247 AND 249 EAST GRACE STREET, BETWEEN 24TH AND 27TH STREETS. THESE HOUSES ARE FULLY FINISHED THROUGHOUT AND CONTAIN NINE ROOMS EACH, CITY WATER AND GAS, RANGE, CUPBOARD, MANTLES, AND ALL MODERN IMPROVEMENTS; SIDE ALLEY AND FRONT WALK. THE LOTS ARE 21 BY 100 FEET. THIS PROPERTY IS IN THE MOST CONVENIENT BUSINESS CENTER AND WITHIN ONE BLOCK OF ALL CAR LINES. THIS SALE, WHICH IS TO BE MADE AT THE REQUEST OF THE OWNERS, WILL TAKE PLACE ON

SATURDAY, APRIL 24, 1897, at 6 P. M. TERMS: One-half cash, and the balance at one year, secured by deed of trust on the property, or longer if desired.

By C. L. & H. L. Denoon, Real Estate Agents and Auctioneers, 821 Main street.

TRUSTEES AUCTION SALE OF THE DESIRABLE DWELLING, NO. 1505 WEST CARY STREET. By virtue of the provisions of a certain deed, dated July 17, 1886, and recorded in the clerk's office of Richmond Chancery Court D. B. 152, A. page 271, default having been made in the payment of a portion of the sum of money due thereon, and being required so to do, I will sell, by public auction, on the premises, on

WEDNESDAY, APRIL 22, 1897, at 6 o'clock P. M., the balance of the property described in said deed, consisting of 12 ACRES OF LAND, more or less, and a GOOD WELLED WELL, containing about 140,000 GALLONS, and a certain lot of land in oak wood, about ten acres of land in oak wood, balance under cultivation. Schools, stores and churches in the vicinity of the property, and situated at one of the most elevated points around Richmond, commanding a fine view of James river and surrounding country. A full list of property can be seen at the office of the auctioneers.

AUCTION SALES—Future Days.

By E. A. Catlin, Auctioneer, No. 6 north Eleventh street.

TRUSTEES AUCTION SALE OF THE Land of the Va. Agricultural and Mechanical Society, COMMONLY KNOWN AS THE FAIR GROUNDS.

In execution of a deed of trust to us from the Virginia State Agricultural and Mechanical Society, dated June 1, 1886, and recorded in Henrico County Court, in deed-book No. 126, page 89, default having been made in the payment of the sum of money due thereon, and being required so to do, I will sell, by public auction, on the premises, on

WEDNESDAY, MAY 18, AT 12 O'CLOCK NOON.

In front of said property, on Broad street, in the city of Richmond, Va., sell that portion of said TRACT OF LAND known as the Fair Grounds, containing about 120 acres of land, more or less, as may be necessary to execute the trust, situated adjacent to the northwest of the city of Richmond, fronting on the north side of the land of the Richmond, Fredericksburg and Potomac railroad, and containing about 120 acres of land, more or less, as may be necessary to execute the trust.

This property has a great future, and will be sold in lots of 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2910, 2920, 2930, 2940, 2950, 2960, 2970, 2980, 2990, 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150, 3160, 3170, 3180, 3190, 3200, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 3490, 3500, 3510, 3520, 3530, 3540, 3550, 3560, 3570, 3580, 3590, 3600, 3610, 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720, 3730, 3740, 3750, 3760, 3770, 3780, 3790, 3800, 3810, 3820, 3830, 3840, 3850, 3860, 3870, 3880, 3890, 3900, 3910, 3920, 3930, 3940, 3950, 3960, 3970, 3980, 3990, 4000, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080, 4090, 4100, 4110, 4120, 4130, 4140, 4150, 4160, 4170, 4180, 4190, 4200, 4210, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440, 4450, 4460, 4470, 4480, 4490, 4500, 4510, 4520, 4530, 4540, 4550, 4560, 4570, 4580, 4590, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4690, 4700, 4710, 4720, 4730, 4740, 4750, 4760, 4770, 4780, 4790, 4800, 4810, 4820, 4830, 4840, 4850, 4860, 4870, 4880, 4890, 4900, 4910, 4920, 4930, 4940, 4950, 4960, 4970, 4980, 4990, 5000, 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110, 5120, 5130, 5140, 5150, 5160, 5170, 5180, 5190, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5270, 5280, 5290, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5370, 5380, 5390, 5400, 5410, 5420, 5430, 5440, 5450, 5460, 5470, 5480, 5490, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5570, 5580, 5590, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710, 5720, 5730, 5740, 5750, 5760, 5770, 5780, 5790, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5870, 5880, 5890, 5900, 5910, 5920, 5930, 5940, 5950, 5960, 5970, 5980, 5990, 6000, 6010, 6020, 6030, 6040, 6050, 6060, 6070, 6080, 6090, 6100, 6110, 6120, 6130, 6140, 6150, 6160, 6170, 6180, 6190, 6200, 6210, 6220, 6230, 6240, 6250, 6260, 6270, 6280, 6290, 6300, 6310, 6320, 6330, 6340, 6350, 6360, 6370, 6380, 6390, 6400, 6410, 6420, 6430, 6440, 6450, 6460, 6470, 6480, 6490, 6500, 6510, 6520, 6530, 6540, 6550, 6560, 6570, 6580, 6590, 6600, 6610, 6620, 6630, 6640, 6650, 6660, 6670, 6680, 6690, 6700, 6710, 6720, 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8390, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8470, 8480, 8490, 8500, 8510, 8520, 8530, 8540, 8550, 8560, 8570, 8580, 8590, 8600, 8610, 8620, 8630, 8640, 8650, 8660, 8670, 8680, 8690, 8700, 8710, 8720, 8730, 8740, 8750, 8760, 8770, 8780, 8790, 8800, 8810, 8820, 8830, 8840, 8850, 8860, 8870, 8880, 8890, 8900, 8910, 8920, 8930, 8940, 8950, 8960, 8970, 8980, 8990, 9000, 9010, 9020, 9030, 9040, 9050, 9060, 9070, 9080, 9090, 9100, 9110, 9120, 9130, 9140, 9150, 9160, 9170, 9180, 9190, 9200, 9210, 9220, 9230, 9240, 9250, 9260, 9270, 9280, 9290, 9300, 9310, 9320, 9330, 9340, 9350, 9360, 9370, 9380, 9390, 9400, 9410, 9420, 9430, 9440, 9450, 9460, 9470, 9480, 9490, 9500, 9510, 9520, 9530, 9540, 9550, 9560, 9570, 9580, 9590, 9600, 9610, 9620, 9630, 9640, 9650, 9660, 9670, 9680, 9690, 9700, 9710, 9720, 9730, 9740, 9750, 9760, 9770, 9780, 9790, 9800, 9810, 9820, 9830, 9840, 9850, 9860, 9870, 9880, 9890, 9900, 9910, 9920, 9930, 9940, 9950, 9960, 9970, 9980, 9990, 10000.

By Chevington & Rose, Real Estate Auctioneers.

TRUSTEES AUCTION SALE OF 25.4 ACRES OF LAND, WITH NEW AND IMPROVED IMPROVEMENTS THEREON, ABOUT 7 MILES NORTHWEST FROM RICHMOND.

In execution of a deed of trust dated November 21, 1886, of record in the Clerk's Office of Henrico County Court, Deed-book No. 126, page 89, default having been made in the payment of the sum of money due thereon, and being required so to do, I will sell, by public auction, on the premises, on

WEDNESDAY, THE 22D DAY OF APRIL, 1897, at 5 o'clock P. M., the above mentioned land in said deed as beginning at a point on the west line of Thirty-first street 100 feet south of Clay street, running southwardly along Thirty-first street, and fronting thereon 24 feet, and running back between parallel lines 124 feet to an alley.

The dwelling contains about 6 rooms, and will make any one a nice home or pay well as rental property. TERMS: Cash as to cost and expenses of sale, and a suitable proportion of the taxes on the land, and sufficient to pay off the sum of \$10,000, balance as will be announced at sale. The terms as to the debt due to be made more liberal if desired.

By Chevington & Rose, Real Estate Auctioneers.

SALE BY PUBLIC OUTCRY OF No. 1214 WEST CLAY STREET. It is a DETACHED FRAME DWELLING of six rooms; LOT, 20x138 feet. We are anxious to dispose of this property at a low price outside our banks. We propose opening up a circulating medium by positively selling the above desirable home for the high price of \$10,000.

THURSDAY, THE 22D DAY OF APRIL, 1897, at 5 o'clock P. M. The owner asks it must go, consequently will sell for \$10,000, and we commissions glimmering in the distance.

By Chevington & Rose, Real Estate Auctioneers.